Question 1

1. What is the adjacency matrix of the graph G = (V,E) displayed below
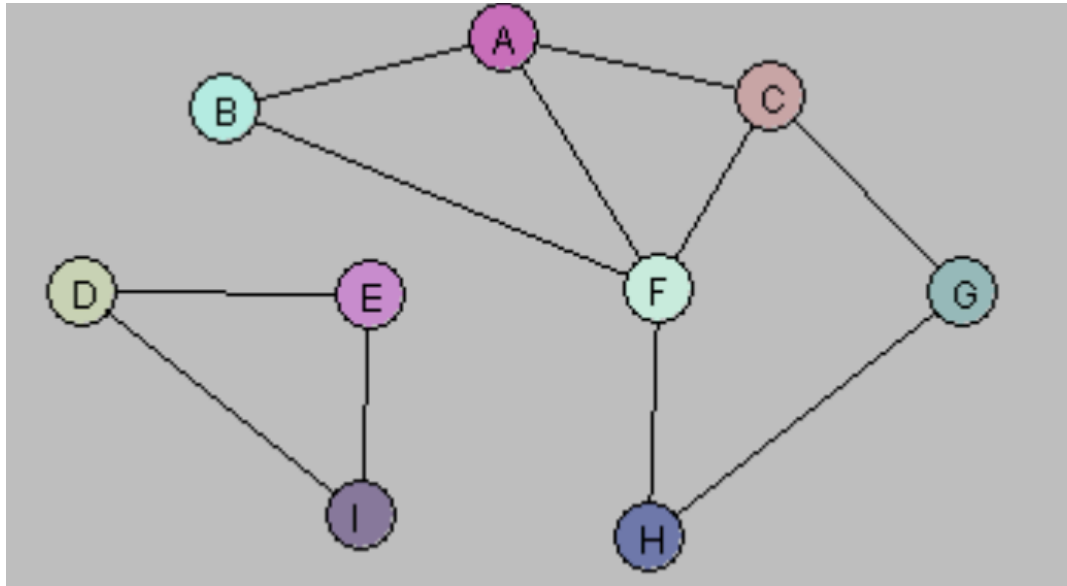
	A	B	C	D	E	F	G	H	I
A	0	1	1	0	0	1	0	0	0
B	1	0	0	0	0	1	0	0	0
C	1	0	0	0	0	1	1	0	0
D	0	0	0	0	1	0	0	0	1
E	0	0	0	1	0	0	0	0	1
F	1	1	1	0	0	0	0	1	0
G	0	0	1	0	0	0	0	1	0
H	0	0	0	0	0	1	1	0	0
I	0	0	0	1	1	0	0	0	0